APPLICANTS: Wante et al.

FILED: Herewith

### **REMARKS**

Claims 1-9, 28, and 39-54 are pending, claims 10-27 and 29-38 having been canceled as being drawn to a non-elected invention. Claim 1 has been amended. New claims 39-54 have been added. The amendment to claim 1, new claims 39-40, and new claims 49-50 are supported by disclosure on page 2, lines 18-25, of the specification. New claims 41-42 are supported by disclosure on page 1, lines 31-32, of the specification. New claims 43-44 are supported by disclosure on page 15, lines 19-20, and on page 24, line 32, to page 25, line 26, of the specification. New claims 45-48 are supported by disclosure on page 17, line 39, and on page 42, lines 30-33, of the specification.

No new matter has been added by this amendment.

#### **CONCLUSION**

Applicants believe that the claims are in condition for allowance. The Commissioner is authorized to credit any overpayment or charge any deficiencies to Deposit Account No. 50-0311, Reference No. 21486-032.

Respectfully submitted,

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PART 1 - ATTORNEY/APPLICANT COPY



## Appendix:

# In the specification:

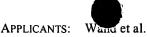
On page 1, line 2, after the title, insert:

--This application is a divisional of patent application U.S. Serial Number 09/436,184, filed on November 8, 1999, the entire contents of which is hereby incorporated by reference.--

# In The Claims:

Amend claim1 and add new claims 39-54.

- 1. (Amended) A method for diagnosing a malignant neoplasm in a mammal, comprising contacting a bodily fluid from said mammal with an antibody or fragment thereof which binds to an human aspartyl (asparaginyl) beta-hydroxylase (HAAH) polypeptide under conditions sufficient to form an antigen-antibody complex and detecting the antigen-antibody complex.--
  - --39. The method of claim 1, wherein said antibody is a single chain Fv molecule.--
- --40. The method of claim 1, wherein said antibody is a FB50 single chain Fv molecule.--
- --41. A method of diagnosing a malignant neoplasm in a mammal, comprising contacting a bodily tissue from said mammal with an antibody which binds to a HAAH polypeptide under conditions sufficient to form an antigen-antibody complex and detecting the antigen-antibody complex.--
  - --42. The method of claim 41, wherein said tissue is a biopsy of a solid tumor.--
  - --43. The method of claim 1, wherein the antigen-antibody complex is detected by



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immunohistochemical staining .--

- --44. The method of claim 41, wherein the antigen-antibody complex is detected by immunohistochemical staining.--
  - --45. The method of claim 1, wherein said neoplasm is a hepatocellular carcinoma.--
  - --46. The method of claim 1, wherein said neoplasm is a cholangiocarcinoma.--
  - --47. The method of claim 41, wherein said neoplasm is a hepatocellular carcinoma.--
  - --48. The method of claim 41, wherein said neoplasm is a cholangiocarcinoma.--
  - --49. The method of claim 41, wherein said antibody is a single chain Fv molecule.--
  - --50. The method of claim 41, wherein said antibody is a FB50 single chain Fv molecule.--
  - --51. The method of claim 1, wherein said neoplasm is a glioblastoma.--
  - --52. The method of claim 1, wherein said neoplasm is a neuroblastoma.--
  - --53. The method of claim 41, wherein said neoplasm is a glioblastoma.--
  - --54. The method of claim 41, wherein said neoplasm is a neuroblastoma--

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